

ENVIRONMENTAL SAFETY SYSTEMS, INC.

800 E. Northwest Hwy., Suite 700 Palatine, IL 60067 (708) 843-8449

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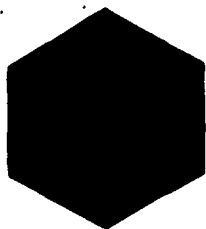
Mr. David Green
ARROW GEAR COMPANY
2201 Curtiss Street
Downers Grove, IL 60515

Dear Dave:

Whatever fuels or hazardous materials you need to store, Ultra-Vault is the ultimate solution. Ultra-Vault gives you the security of a UL listed containment system, combined with the convenience of an above-ground storage tank. Built of rugged 11-gauge steel with a 6" inch concrete vault poured between a steel outer tank and a UL listed steel inner tank, Ultra-Vault meets NFPA 30 and provides a 2 hour fire wall rating which allows you to achieve full regulatory compliance for the storage of flammable liquids. The Concrete can be poured on location or shipped precast, and provides thermal protection for storing flammable liquids. Ultra-Vault eliminates the cost and liability of installing or replacing underground tanks, and its rectangular design lets you make the most of your valuable space.

SPECIFICATIONS:

- Tank is UL listed.
- 11 Gauge Prime Steel Inner and Outer Tank
- Continuous Welded Construction
- Fork Lift Channels For Convenient Relocation
- Virtual elimination of any potential soil contamination.
- The 6" concrete vault provides thermal protection for flammable liquids being stored in excessively hot environments.
- Meets requirements of NFPA 30 for above ground tanks.
- Designed to withstand natural disasters.



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- Probe tube between walls allows for leak detection monitoring.
- Concrete vault can be poured on location or shipped precast.
- Fuel compartments are available.
- Standard tanks warranted for 20 years. 30-year warranty available.
- Reflective High Gloss Acrylic Enamel Exterior
- Surfaces - Green, Red, Black, Yellow, White
 - White ordered if not specified

ULTRA-VAULT, DOUBLE WALL ABOVE GROUND TANK - UT-500-2

- Capacity 500 Gallons
- Dimensions - 11'-0" X 3'-4" X 4'-1" (L X H X W)
- Weight - 1,700 lbs Empty
- Weight - 13,000 lbs Poured
- 24" Manway
- 2" Quick Disconnect
- Suction Pipe
- Level Gauge
- \$2,995.00 Empty
- \$4,485.00 Poured at Factory

Optional Equipment:

- 12" Diameter Fill Hatch (Quick opening & Lockable)
- Direct Reading Tank Gauge
- Remote Reading Fill Gauge
- 1 1/2" Suction Pipe
- 2" Quick Disconnect
- Inspection Sight Glass
- Tank Mounted Pumps and Heaters
- Special Interior Coating
- Custom Exterior Finishes
- 7 Section Overfill Box with Lid
- Access Step and Handrail
- Emergency Vent - 6"
- Internal Baffle
- Internal Baffles
- 1/2" Vent - 2 feet

Pat J. Nelson Shields



8302 Laurel Fair Circle • Suite #130 • Tampa, FL 33610
800 330-8771 • 800 330-6949 • FAX: 813 626-5468

SPECIFICATION FOR ABOVE GROUND

FUEL VAULTS

1. Inner steel tank shall be minimum of 10 gauge material, shall be rectangular in shape and shall be of capacity and dimensions as shown on the drawing.
2. Inner steel tank shall be UL-142 Listed and shall meet requirements of NFPA-30 for above ground tanks.
3. Secondary containment shall be a 6" vibrated concrete vault with a minimum two-hour fire rating. Concrete shall be standard 6-sack mix with 3/8" or smaller rock and shall be poured, vibrated, finished and cured:
 - A. at manufacturing plant, prior to shipment.
 - B. at site, after shipment.
4. The third containment shall be a 10 gauge rectangular steel tank as shown in drawing.
5. The entire finished vault assembly shall be supported by 6" x 2" high steel channel supports projecting 4" from each side and have 3/4" hole at each end for anchoring. There shall be 2 support channels for 250 gallon vaults and a minimum of 3 support channels for larger size vaults.
6. Vaults shall have the capability of monitoring for leaks between the primary and secondary containment.
7. Vaults shall have the number and size threaded openings as shown on drawing.
8. Inner tank shall be equipped with a 6" emergency vent as required by NFPA-30.
9. Vaults shall be placed on reinforced concrete slabs.
10. Outer steel tank shall be finished with a reflective white epoxy coating, Sherwin-Williams Tile Glaze or equal.
11. Vaults shall have appropriate warning and identification signs or decals for the intended service in minimum 4" high red letters.



ULTRAVALT INSTALLATION INSTRUCTIONS

1. Do not remove shrink wrap around tank, until concrete pouring is complete. Shrink wrap protects the exterior paint from concrete spillage.
2. Make sure tank is in exact position and level before pouring concrete.
3. Check that all bungs are individually covered including threads. This will prevent concrete from getting into tank and will also protect the threads.
4. Start pouring concrete into one end of tank. It is important that concrete flows under the tank evenly to eliminate air pockets. This can be accomplished by placing concrete in one end of the tank, vibrating as needed to keep concrete moving, until concrete flows out from under inner tank at other end.
5. Continue pouring concrete working from starting point to opposite end of tank until outer tank is full.
6. Finish concrete top as desired and allow to dry.
7. If required, use a 5/8" wedge bolt to anchor tank earthquake shoes to pad.
8. Tank top equipment may be installed immediately after concrete is poured.
9. Remove shrink wrap after concrete is dry.

IMPORTANT: Place necessary decals on tank - Flammable, No-Smoking, Gasoline or Diesel.

EQUIPMENT & MATERIAL REQUIRED FOR ULTRAVALT INSTALLATIONS

Concrete: Standard 6 sack mix with 3/8" or smaller rock.

Vibrator: Whacker M2000 or similar with 1" head. Length of whip should be at least 1/2 the depth of the outer tank.

Concrete Pumper: If required, May-Co LST3060. Length of hose will vary depending on your needs. Diameter of hose should be 2" to 2 1/2".

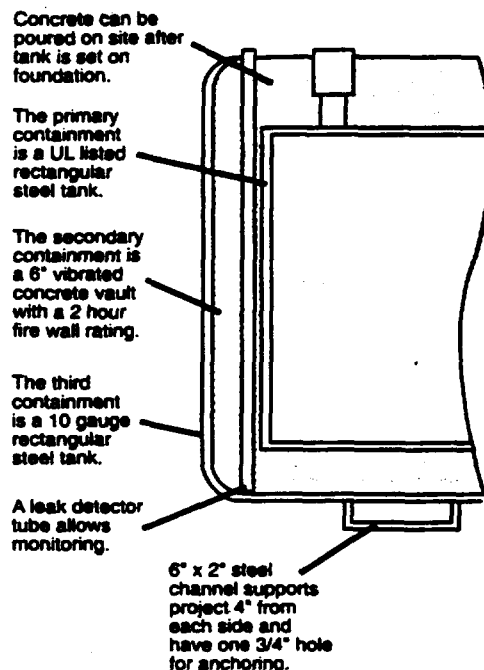
UltraVaultTM

TM

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Standard Features

- Tank is U L Listed.
- Tank sits on 2" steel supports to allow complete visual leak inspection.
- Virtual elimination of any potential soil contamination.
- Meets requirements of NFPA 30 for above ground tanks.
- Designed to withstand natural disasters.
- The 6" concrete vault provides thermal protection to flammable liquids being stored in excessively hot environments.
- Probe tube between walls allows for leak detection monitoring.
- Concrete vault can be poured on location or shipped precast.
- UltraVaults are available in 250, 500, 1000, and 2000 gallons.
- Dual compartments are available.
- Standard tanks warranted for 20 years.
30-year warranty available.



CAPACITY	DIMENSIONS			WEIGHTS (lbs.)	
	(Gallons)	Width	Length	Height	Empty Poured
250	3'6"	7'8"	3'3"	1100	8500
500	4'1"	11'0"	3'4"	1700	13000
1000	4'10"	11'0"	4'8"	2500	18500
2000	6'10"	12'9"	5'1"	3700	28500
Dual 500	4'10"	11'0"	4'8"	2500	18500
Dual 1000	6'10"	12'9"	5'1"	3700	28500

Dispensing Packages

Standard Dispensing Packages are available for diesel fuel, gasoline and fuels containing alcohol.

All packages include 15 GPM, 1/3 HP, explosion-proof UL-listed tank mounted dispensing pump with meter, filter, hose, manual nozzle, level gauge, fill cap, vent riser and cap, emergency vent and appropriate decals.

Optional packages are furnished to meet Phase I or Phase II Vapor Recovery Regulations.

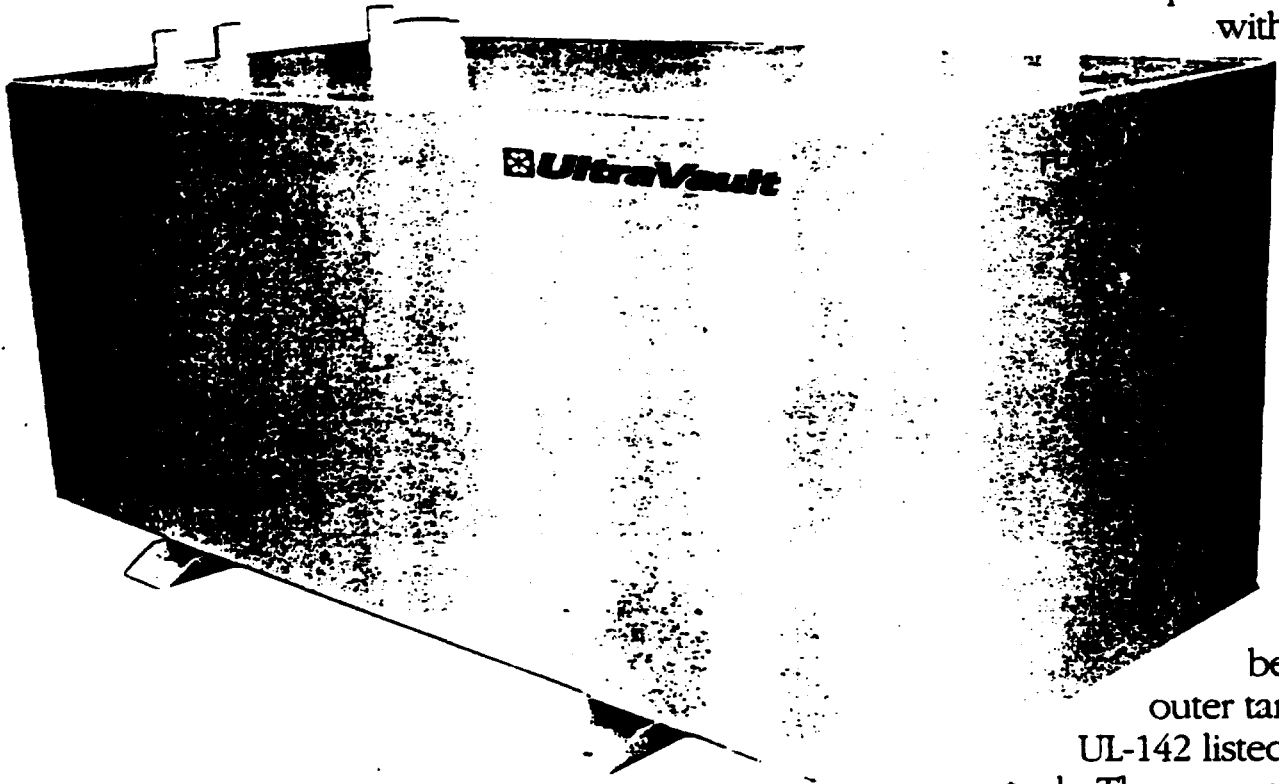
The following Optional Accessories are available:

- Overfill Container with Cover.
- Steel Steps and Handrail.
- Automatic Shut-Off Nozzle.
- Special Length Hose.
- High-Hang Hose Retractor and Stand.
- Leak Monitoring System.
- High Level Alarm.
- Level Gauge.

UltraVault

Aboveground Storage for Flammable Liquids.

Now you can store and dispense fuels
and flammable liquids aboveground...
with UltraVault.



UltraVault has a two-hour firewall rating and gives you the security of triple protection. UltraVault consists of a six inch concrete vault poured between a steel

outer tank and a UL-142 listed steel inner tank. The concrete can be

poured on location or shipped precast, and provides thermal protection for storing flammable liquids.

UltraVault sits on two-inch supports, making visual leak inspection easy, and a probe tube between the walls allows for leak detection monitoring. Fuel dispensing packages may also be purchased and are easily installed (see reverse side for complete package information).

**For more information about
UltraVault, call 800 330-6949**

UL™